

AMENDMENTS TO THE CLAIMS

1. **(Original)** A method of making a genetic modification in a target gene of a plant cell comprising:
 - a) providing a DNA fragment having a length of between 400 and 800 nt and having essentially the sequence of the targeted gene as modified or of the complement thereof, which fragment is not Watson-Crick bound to another nucleic acid;
 - b) introducing the DNA fragment into the plant cell; and
 - c) identifying the presence of the modified target gene.
2. **(Original)** The method of claim 1, wherein the DNA fragment is made substantially free of a complementary DNA prior to its introduction into the plant cell.
3. **(Original)** The method of claim 2, which further comprises the generation of a plant from the plant cell.
4. **(Currently amended)** The method of claim 2, wherein ~~the providing of~~ the DNA fragment comprises ~~the separation~~ separating of a biotinylated DNA strand from a complementary non-biotinylated DNA strand, wherein the fragment is either the biotinylated strand or the non-biotinylated strand.[[.]]
5. **(Original)** The method of claim 1, which further comprises the generation of a plant from the plant cell.